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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Venkat Gopalan et al.	Art Unit:	1652
Serial No.:	09/516,061	Examiner:	Charles L. Patterson Jr.
Filed:	March 1, 2000	Customer No.:	21559
Title:	NOVEL BACTERIAL RNASE P PROTEINS AND THEIR USE IN IDENTIFYING ANTIBACTERIAL COMPOUNDS		

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DECLARATION OF KRISTINA BIEKER-BRADY, PH.D.

I, Kristina Bieker-Brady, Ph.D., state as a Registered Patent Attorney, that the following amendment to the specification of the above-referenced application consists of the same material incorporated by reference to Brown, *Nucleic Acids Research* 27:314 (1999), the Ribonuclease P Database described therein, EP 0 811 688 A2, and WO 99/11653, as described on page 7, lines 17-22 of the specification as filed.

> The RNase P sequences described in these references and excluded by the present invention are shown in Tables 1 and 2 along with their SEQ ID NOs or GenBank numbers.

Table 1. Bacterial RNase P Sequences with SEQ ID NOs

SEQ ID NO	Organism Name	RNase P polypeptide sequence
SEQ ID NO: 92	*Salmonella typhi* (CT18)	VVKLAFPRELRLLTPAHFTFVFQQPQRAGT PQITXLGRLNSLGHPRIGLTVAKKNVRRAH ERXRIKRLTRESFRLRQHELPAMDFVVVAK KGVADLDNRALSEALEKLWRRHCRLARG
SEQ ID NO: 93	*Yersinia pestis* (Orientalis)	VVKLAFPRELRLLTPSHFTFVFQQPQRAGT PQITILGRLNELGHPRIGLTVAKKHVKRAH ERNRIKRLTRESFRLHQHALPSMDFVVLVK KGVADLDNRALTEALEKLWRRHCRQAPAS
SEQ ID NO: 94	*Mycobacterium bovis* (AF2122/97)	VLRARNRMRRSADFETTVKHGMRTVRSDMV VYWWRGSGGGPRVGLIIAKSVGSAVERHRVA RRLRHVAGSIVKELHPSDHVVIRALPSSRHVSS ARLEQQLRCGLRRAVELAGSD
SEQ ID NO: 95	*H. influenza*	MLKVVKVYLHNHNSQFLVVKLNFSRELRLL TPIQFKNVFEQPFRASTPEITILARKNNLEHPR LGLTVAKKHLKRAHERNRIKRLVRESFRLSQ HRLPAYDFVFVAKNGIGKLDNNTFAQILEKL WQRHIRLAQKS
SEQ ID NO: 96	*M. tuberculosis-2*	MIATPGLFAVLRARNRMRRSADFETTVKHG MRTVRSDMVVYWWRGSGGGPRVGLIIAKSV GSAVERHRVARRLRHVAGSIVKELHPSDHVV IRALPSSRHVSSARLEQQLRCGLRRAVELAGS DR
SEQ ID NO: 97	*Staphylococcus aureus*	MLLEKVYRIKKNADFGRIYKKGHSVANRQFV VYTCNNKEIDHFRLGISVSKKLGNAVLRNKIK RAIRENFKVHKSHILAKDIIVIARQPAKDMTTL QIQNSLEHVLKIAKVFNKKIK
SEQ ID NO: 98	*Staphylococcus pneumonia*	LKKNFRVKREKDFKAIFKEGTSFANRKFVVYQ LENQKNHFRVGLSVSKKLGNAVTRNQIKRRIR HIIQAKGSLVEDVDFVVIARKGVETLGYAEMEK NLLHVLKLSKIYRE

Table 2. Bacterial RNase P sequences with GenBank Nos.

GenBank No.	Organism Name
U10529	Coxiella burnetii (None Mile)
AJ235272	Rickettsia prowazekii (Madrid E)
AL162753	Neisseria meningitidis (Z2491)
AE002540	Neisseria meningitidis (MC58)
M80817	Buchnera aphidocola (unspecified)
AF008210	Buchnera aphidocola (SGS)
AP000398	Buchnera sp. (APS)
U32848	Haemophilus influenza (RD KW20)
M11056	Escherichia coli (unspecified)
AE000394	Escherichia coli (K-12)
M58352	Proteus mirabilis (unspecified)
AE004968	Pseudomonas aeruginosa (PAO1)
P25752	Pseudomonas putida (unspecified)
AE004083	Xyelella fastidiosa (unspecified)
AL139076	Campylobacter jejuni (NCTC 11168)
AE000645	Helicobacter pylori (26695)
AE001557	Helicobacter pylori (J99)
U64884	Micrococcus luteus (S66)
AF222789	Mycobacterium avium (104)
L39923	Mycobacterium leprae (Lortist 6)
AL021426 X92504	*Mycobacterium tuberculosis (H37Rv)
M83112	Streptomyces bikiniensis (Zorbonenis)
M82836 AL049826 AF031590	*Streptomyces coelicolor (A3(2))
AB013492	Bacillus halodurans (C-125)
AL009126	Bacillus subtilis (168) X62539
P14982	Mycoplasma capricolum (mcs5)
U39713	Mycoplasma genitalium (G-37)
U00089	Mycoplasma pneumoniae (M-129)
AF135268	Staphylococcus aureus (ISP3)
AE002158	Ureaplasma urealyticum (3/1)
AJ000513	Pseudanabaena sp. (PCC6903)
X81989	Synechocystis sp. (PCC6803)
Z12166	Borellia burgdorferi (212)
AE000783	Borellia burgdorferi (B31)
P50069	Treponema pallidum (Nichols)

AE001351	Chlamydia trachomatis (serovar D)
AE002160	Chlamydia muridarum (trachomatis MoPn)
AE001673	Chlamydophila pneumoniae (CWL 029)
AE002251	Chlamydophila pneumoniae (AR39)
AE002049	Deinococcus radiodurans (R1)
AAD36531	Thermotoga maritima (MSB8)

*Note that for sequences with more than one GenBank number listed, the RNase P polypeptide sequence, or fragment thereof, is identical.

Date: April 4, 2001

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